

Mouse anti-Human Cluster Of Differentiation 40 Ligand (CD40L) Monoclonal Antibody | anti-CD40L antibody

Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152865	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

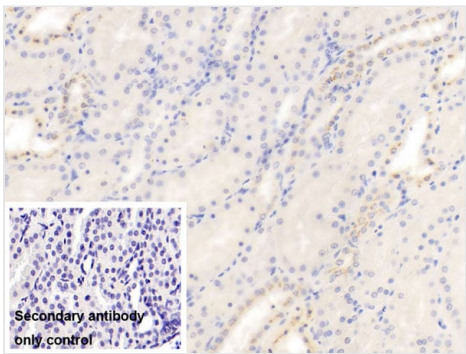
PRODUCT SYNONYMS

Cluster Of Differentiation 40 Ligand (CD40L); Monoclonal Antibody; Monoclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L); Cluster Of Differentiation 40 Ligand; CD154; TRAP; HIGM1; IGM; IMD3; TBAM; T-BAM; TNFSF5; Gp39; TNF Superfamily Member 5; Hyper-IgM Syndrome; TNF-Related Activation Protein; T-Cell B-Cell Activating Molecule; anti-CD40L antibody

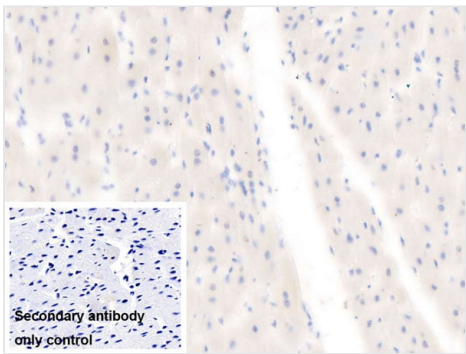
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against CD40L. It has been selected for its ability to recognize CD40L in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Arg48~Pro244
Applicable Applications for anti-CD40L antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Cluster Of Differentiation 40 Ligand (CD40L)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Porcine Kidney Tissue Primary Ab: 10ug/ml Mouse Anti-human CD40L Antibody Control: Used PBS instead of primary antibody Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Porcine Cardiac Muscle Tissue Primary Ab: 10ug/ml Mouse Anti-human CD40L Antibody Control: Used PBS instead of primary antibody Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD40L antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557433
NCBI GeneID	959
NCBI Accession #	NP_000065.1
NCBI GenBank Nucleotide #	NM_000074.2
UniProt Accession #	P29965
Molecular Weight	29,274 Da
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Official Synonym Symbols	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
NCBI Protein Information	CD40 ligand; CD40-L; CD40 antigen ligand; T-cell antigen Gp39; T-B cell-activating molecule; TNF-related activation protein; tumor necrosis factor (ligand) superfamily member 5
UniProt Protein Name	CD40 ligand
UniProt Gene Name	CD40LG
UniProt Synonym Gene Names	CD40L; TNFSF5; TRAP; CD40-L; TRAP
UniProt Entry Name	CD40L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cluster-of-differentiation-40-ligand-cd40l-antibody-clone-c2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152865>